

How to avoid common pitfalls and stay in compliance with the *Code* (and *Chapter F*)

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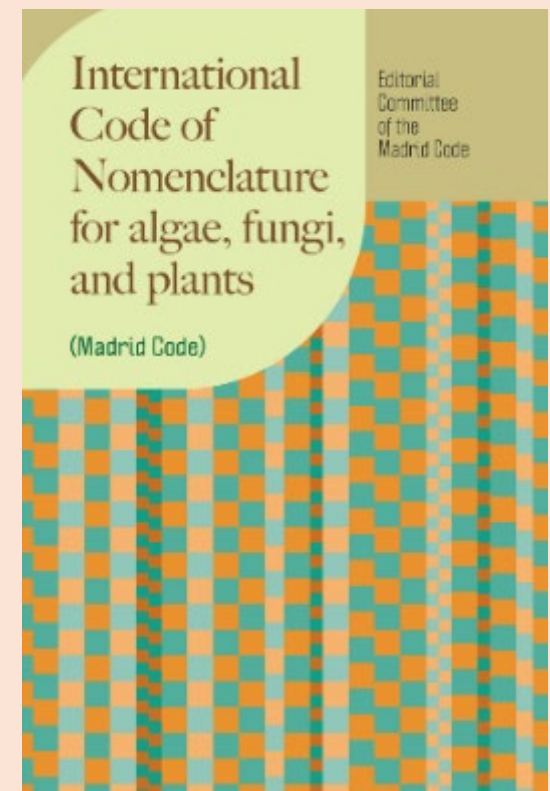


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- Names of fungi are governed by the ***International Code of Nomenclature for algae, fungi, and plants***
- Current *Code* is the ***Madrid Code***
- *Code* is **updated** every five years - changes are approved at Nomenclature Section of an International Botanical Congress
- Provisions in the *Code* specific to names of fungi are in ***Chapter F***
- Changes to *Chapter F* are approved by an **IMC Fungal Nomenclature Session**
- *Chapter F* last amended at IMC12, and changes were **directly incorporated into *Madrid Code***

The *Code* has:

- **Articles** (rules that **MUST** be followed)
- **Recommendations** (things that you **SHOULD** do)
- **Notes** (explanations for Articles)
- **Examples** (illustrate the application of Art. and Rec.)



Key Articles – relate to valid publication

- Art. 38.1 - must be **description OR diagnosis** (although ideal if both)
- Art. 39.2 - description or diagnosis must be in **Latin OR English**
- For new species to be valid, the **genus needs to be validly published**, either previously, or at the same time (Art 35.1)

Type citation is crucial – Articles 8 & 40

- “type ... is either a **single specimen conserved in one herbarium ... or a published or unpublished illustration**” Art. 8.1
- Type must be designated using the words “typus” or “holotypus” or an equivalent in a modern language, such as **holotype**, type, etc. (Art 40.4)
- **Institution** in which the holotype is lodged **MUST be cited** (a collector’s number alone is not sufficient) – Art. 40.5
- The holotype **MUST** be cited as **lodged in ONE institution** (Art 40.5)
- Duplicates of holotype are **isotypes** (which can be in a number of other institutions and/or the same institution as the holotype)
- If the type is a **living culture**, it must be specified that it is “**preserved in a metabolically inactive state**” – Art. 40.7

Orthography (i.e. right spelling)

- If you mis-spell epithet - not a fatal flaw, but is **annoying** (correction has to be made by name repository)
- Please keep epithets **simple** (*alba*, *eucalypti*, *libertiae*, *australiensis*) **or consult a Latin scholar**
- Remember - **adjectival epithets agree in gender** with the gender of the genus (see MycoBank for gender)

Porpoloma flavilamellatum L.J. Vaughan & T.W. May, *sp. nov.*

MycoBank 860004

Typification: AUSTRALIA, New South Wales, Springwood, Fairy Dell Track (33.7139° S, 150.5644° E), terrestrial in dry rainforest/wet sclerophyll forest with *Myrtaceae*, 18 April 2024, T.T. Huang OQT261 (holotype MEL 2563761). GenBank: ITS = PV833593; 28S = PV746196.

Fig. 2

Diagnosis: *Porpoloma flavilamellatum* has darker yellow lamellae and smaller spores (6.5–8.5 × 4–5.5 μm) than the other yellowish *Porpoloma* species, *P. amyloideum* (7–8 × 4.5–6.5 μm), *P. covan* (8–11 × 6–8 μm) and *P. sejunctum* (8.2–9 × 5.5–6.3 μm); lacks the membranous ring on the stipe of *P. amyloideum*; and is found in habitats with *Myrtaceae* Juss. rather than *Nothofagaceae* Kuprian. It is distinguished from other members of the genus *Porpoloma* by its unique phylogenetic position.

Etymology: from Latin *flavus* (yellow) and *lamellatus* (lamellate).

Description

Habit sporing bodies terrestrial, occurring singly or in small groups.

Pileus 30–70 mm wide; at first convex, becoming broadly convex to almost plane, sometimes with broad umbo,

Indication of “sp. nov.” (Rec. 32A.1)

Citation of identifier (Art. F.5.2)

Citation of holotype (Art 40.4) in single fungarium (Art. 40.5)

Diagnosis (Art. 38.1) in English (Art. 39.2)

Follows Rec. 38B.1 by having both diagnosis and description

Description (Art. 38.1) in English (Art. 39.2)

Key references

- Turland NJ et al. (eds) (2018) *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, ...* Koeltz Botanical Books. <https://www.iapt-taxon.org/nomen/main.php>
- Turland N (2019) *The Code Decoded: A User's Guide to the International Code of Nomenclature for algae, fungi, and plants*. Advanced Books. <https://ab.pensoft.net/book/38075/>
- Aime MC et al. (2021) How to publish a new fungal species, or name, version 3.0. *IMA Fungus* 12:11: 1–15.
- Short E, George A (2013) *A Primer of Botanical Latin with Vocabulary*. Cambridge University Press.